

YOUNG & THOMPSON

International Patent & Trademark Law

Established 1903

Emil Bönnehcke
1875-1936

William H. Young
1902-1958

Irvin S. Thompson
1903-1979



Please deliver to Ms. Erin PENDER
for reconstructing S.N. 10/528,170.

Sincerely,

Benoît Castel
Reg. No. 35,041

RECEIVED

6 APR 2005

Legal Staff
International Division

745 South 23rd Street
Arlington, Virginia 22202
(703) 521-2297
Facsimile: (703) 685-0573 - (703) 979-4709

04/19/2005 CSM00T 00000001 10528170
01 FC:1617
02 FC:1615
03 FC:1613
E-mail: embon@young-thompson.com
embon@pipeline.com
Website: www.young-thompson.com
Cable address: EMBON
130.00 OP
72.00 OP
840.00 OP

YOUNG & THOMPSON

INTERNATIONAL PATENT LAW

745 SOUTH 23RD STREET
ARLINGTON, VIRGINIA 22202

(703) 521-2297

ESTABLISHED 1903

ROBERT J. PATCH
ANDREW J. PATCH
BENOIT CASTEL
THOMAS W. PERKINS
ERIC JENSEN
ROLAND E. LONG, JR.

OF COUNSEL:
ROBERT F. HARGEST
DOUGLAS V. RIGLER*
THOMAS R. KLINE*
*NY, MD AND DC BARS ONLY

EMIL BONNELYCKE
(1875-1936)

WILLIAM H. YOUNG
(1902-1958)

IRVIN S. THOMPSON
(1903-1979)

FACSIMILE: (703) 685-0573
(703) 979-4709
E-MAIL: EMBON@PIPELINE.COM
TELEX: 248425 EMBON
CABLE ADDRESS: EMBON

October 25, 2000

Box PATENT APPLICATION
Commissioner of Patents
Washington, D.C. 20231

Sir:

REQUEST FOR CORRECTED FILING RECEIPT

ATTENTION: Office of Initial Patent
Examination's Customer
Service Center

re: Serial No. 09/446,492

Receipt is acknowledged of the filing certificate for
Serial No. 09/446,492, filed February 1, 2000, in the names of
Laurent FERENCZI et al., in Group 2876.

It is requested that a new certificate be issued on
which the filing date of the PCT application is correctly given
as: June 22, 1998.

In this application, please also issue a Notification
of Acceptance of Application Under 35 USC 371.

Respectfully submitted,

By Benoit Castel
Reg. No. 35,041 for
Robert J. Patch
Attorney for Applicants
Registration No. 17,355

FILING RECEIPT



OC000000005190713

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark OfficeAddress: ASSISTANT SECRETARY AND
COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|-----------------|----------|------------|------------|
| 09/446,492 | 02/01/2000 | 2876 | 1782 | S.4369 | 7 | 24 | 1 |

000466
YOUNG & THOMPSON
745 SOUTH 23RD STREET 2ND FLOOR
ARLINGTON, VA 22202

COPY

Date Mailed: 06/21/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

LAURENT FERENCZI, PARIS, FRANCE;
FREDERIC BARTH, PARIS, FRANCE;

Continuing Data as Claimed by Applicant

THIS APPLICATION IS A 371 OF PCT/FR98/01300, 07/01/1998

Foreign Applications

FRANCE 97/08032 06/26/1997

If Required, Foreign Filing License Granted 06/21/2000

Title

INSTALLATION FOR MONITORING GAS CYLINDERS

Preliminary Class

235

Data entry by : BARRETO, NGA

Team : OIPE

Date: 06/21/2000



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

FERENCZI et al.

Serial No. 09/446,492

GROUP 2876

Filed February 1, 2000

Examiner UNKNOWN

INSTALLATION FOR MONITORING GAS CYLINDERS

STATUS INQUIRY

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

Please inform us of the status of the Notice of Acceptance for the above-identified application. The Filing Receipt was received on June 23, 2000 and no Notice of Acceptance has been received. Please forward a copy of the Notice of Acceptance for our files.

Thank you for your attention to this matter.

Respectfully submitted,

YOUNG & THOMPSON

By Benoit Castel
Benoit Castel
Attorney for Applicant
Registration No. 35,041
745 South 23rd Street
Arlington, VA 22202
Telephone: 703/521-2297

BC/ljr

August 1, 2000



UNITED STATES DEPARTMENT OF COMMERCE
 Patent and Trademark Office
 Address: ASSISTANT COMMISSIONER FOR PATENTS
 Box PCT
 Washington, D.C. 20231

| | | |
|---|-----------------------|----------------------------|
| U.S. APPLICATION NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 09/448492 | FERENCZI | L S.4369 |
| YOUNG & THOMPSON 745 SOUTH 23RD STREET 2ND FLOOR ARLINGTON, VA 22202 | | |
| INTERNATIONAL APPLICATION NO. PCT/FR98/01300 | | |
| I.A. FILING DATE 22 JUN 98 | | PRIORITY DATE 26 JUN 97 |
| DATE MAILED: 15 FEB 2000 | | |

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

- The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as
 - ☐ a Designated Office (37 CFR 1.494),
 - ☒ an Elected Office (37 CFR 1.495);
 - ☒ U.S. Basic National Fee.
 - ☒ Copy of the international application in:
 - ☒ a non-English language.
 - ☐ English.
 - ☒ Translation of the international application into English.
 - ☐ Oath or Declaration of inventor(s) for DO/EO/US.
 - ☐ Copy of Article 19 amendments.
 - ☐ Translation of Article 19 amendments into English.
 - ☐ The International Preliminary Examination Report in English and its Annexes, if any.
 - ☐ Translation of Annexes to the International Preliminary Examination Report into English.
 - ☒ Preliminary amendment(s) filed 23 DEC 1999 and _____
 - ☒ Information Disclosure Statement(s) filed 23 DEC 1999 and _____
 - ☐ Assignment document.
 - ☐ Power of Attorney and/or Change of Address.
 - ☐ Substitute specification filed _____
 - ☐ Verified Statement Claiming Small Entity Status.
 - ☒ Priority Document.
 - ☒ Copy of the International Search Report ☒ and copies of the references cited therein.
 - ☐ Other:
- The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:
 - ☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
 - ☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
 - ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
 - ☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
 - ☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
 - ☐ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).
- Additional claim fees of \$ _____ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due. See attached PTO-875.

ALL OF THE ITEMS SET FORTH IN 2(a)-(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☐ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

- Translation of the Annexes **MUST** be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.
- ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

A copy of this notice MUST be returned with this response.

Enclosed:

- ☐ PCT/DO/EO/917
 - ☐ PTO-875
 - ☐ Notice of Defective Translation
- FORM PCT/DO/EO/905 (December 1997)

Shelby J. Vigil
 Telephone: 703-305-3653

SVH

FILING RECEIPT



OC00000005190713

JUN 23 2000

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark OfficeAddress: ASSISTANT SECRETARY AND
COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|-----------------|----------|------------|------------|
| 09/446,492 | 02/01/2000 | 2876 | 1782 | S.4369 | 7 | 24 | 1 |

000466

YOUNG & THOMPSON
745 SOUTH 23RD STREET 2ND FLOOR
ARLINGTON, VA 22202

Date Mailed: 06/21/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

LAURENT FERENCZI, PARIS, FRANCE;
FREDERIC BARTH, PARIS, FRANCE;

Continuing Data as Claimed by Applicant

THIS APPLICATION IS A 371 OF PCT/FR98/01300 07/01/1998

Foreign Applications

FRANCE 97/08032 06/26/1997

If Required, Foreign Filing License Granted 06/21/2000

Title

INSTALLATION FOR MONITORING GAS CYLINDERS

Preliminary Class

235

Data entry by : BARRETO, NGA

Team : OIPE

Date: 06/21/2000

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

6/21/00 7:34 AM

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (i)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231

YOUNG & THOMPSON

INTERNATIONAL PATENT LAW

745 SOUTH 23RD STREET

ARLINGTON, VIRGINIA 22202

(703) 521-2297

ESTABLISHED 1903

ROBERT J. PATCH
ANDREW J. PATCH
ROBERT F. HARGEST
BENOIT CASTEL
THOMAS W. PERKINS
ERIC JENSEN
ROLAND E. LONG, JR.

OF COUNSEL:
DOUGLAS V. RIGLER*
THOMAS R. KLINE*
*NY, MD AND DC BARS ONLY

EMIL BONNELYCKE
(1875-1936)

WILLIAM H. YOUNG
(1902-1958)

IRVIN S. THOMPSON
(1903-1979)

FACSIMILE: (703) 685-0573
(703) 979-4709
E-MAIL: EMBON@PIPELINE.COM
TELEX: 248425 EMBON
CABLE ADDRESS: EMBON

February 29, 2000

VIA TELEFAX: 305-3230

To: Mr. John Anderson
PCT Branch
United States Patent and Trademark Office

Dear Mr. Anderson:

Re: Laurent FERENCZI et al.
U.S. Patent Appln. 09/446,492
PCT/FR98/01300
Filed December 23, 1999

Pursuant to our telephone conversation of today, we transmit immediately hereafter a copy of a Transmittal Letter with the executed declaration which was filed in the United States Patent and Trademark Office on February 1, 2000, as well as a copy of our postcard receipt which evidences the filing of such Transmittal Letter with executed declaration on that date.

Your prompt attention to this matter is sincerely appreciated.

Respectfully submitted,

YOUNG & THOMPSON

By



Benoit Castel
Attorney for Applicants
Registration No. 35,041

Apr-06-05

09:57am

From-Young And Thompson

703 979 4708

T-914 P.009/018

F-967

C
O
P
Y

THE STAMP OF THE PATENT OFFICE MAIL HEREON ACKNOWLEDGES THE
RECEIPT OF THE BELOW-IDENTIFIED DOCUMENT ON THE DATE INDICATED
BY SUCH STAMP.

In re: Laurent FERENCZI et al.

S.N. 09/446,492

PCT/FR98/01300

~~EXHIBIT~~

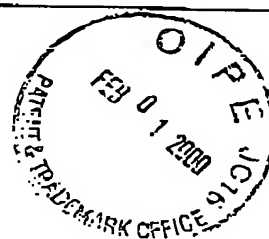
BOX PCT

Attn.: DO/EO

TRANSMITTAL LETTER

with executed declaration

at



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Laurent FERENCZI et al.

Serial No. 09/446,492
(PCT/FR98/01300)Box PCT
Attention: DO/EO

Filed December 23, 1999

INSTALLATION FOR MONITORING
GAS CYLINDERSTRANSMITTAL LETTER

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

We enclose herewith the executed declaration which was omitted at the time of filing the application. We have not yet received the Form PCT/DO/EO/905.

The required 37 CFR 1.492(e) surcharge was paid at the time of filing the application.

Respectfully submitted,

YOUNG & THOMPSON

By



Benoît Castel
Attorney for Applicants
Registration No. 35,041
745 South 23rd Street
Arlington, VA 22202
Telephone: 703/521-2297

February 1, 2000

S.4369

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

INSTALLATION FOR MONITORING GAS CYLINDERS

the specification of which: *(check one)*

REGULAR OR DESIGN APPLICATION

- ☐ is attached hereto.
- ☐ was filed on _____ as application Serial No. _____
and was amended on (if applicable) _____.

PCT FILED APPLICATION ENTERING NATIONAL STAGE

- ☒ was described and claimed in International application No. PCT/FR98/01300 filed on 22 June 1998 and as amended on (if any) _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

PRIORITY CLAIM

I hereby claim foreign priority benefits under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

| Country | Application Number | Date of Filing (day, month, year) | Priority Claimed |
|---------|--------------------|--------------------------------------|------------------|
| France | 97/08032 | 26 June 1997 | yes |
| | | | |

(Complete this part only if this is a continuing application.)

I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status—patented, pending, abandoned)

POWER OF ATTORNEY

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from L'Air Liquide as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

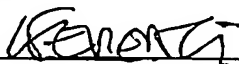
As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: **Robert J. PATCH**, Reg. No. 17,355, **Andrew J. PATCH**, Reg. No. 32,925, **Robert F. HARGEST**, Reg. No. 25,590, **Benoît CASTEL**, Reg. No. 35,041, **Eric JENSEN**, Reg. No. 37,855, **Thomas W. PERKINS**, Reg. No. 33,027, and **Roland E. LONG, Jr.**, Reg. No. 41,949, c/o **YOUNG & THOMPSON**, Second Floor, 745 South 23rd Street, Arlington, Virginia 22202.

Address all telephone calls to Young & Thompson at 703/521-2297.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: **Laurent FERENCZI**
(given name, family name)

Inventor's signature



Date January 5, 2000

Residence: **Paris, France**

Citizenship: **French**

Post Office Address: **48 bis, rue Custine**
F-75018 Paris, France

Full name of second joint inventor, if any: **Frederic BARTH**
(given name, family name)

Inventor's signature



Date January 5, 2000

Residence: **Paris, France**

Citizenship: **French**

Post Office Address: **17, rue Bouilloux-Lafont**
F-75015 Paris, France

Apr-06-05

09:58am

From-Young And Thompson

703 878 4708

T-914 P.013/018 F-967

* T C R (FEB.29.2000 10:53) *

TTI YOUNG & THOMPSON

| < T X > DATE | TIME | ADDRESS | MODE | TIME | PAGE | RESULT | PERS. NAME | (MANUAL PRINT) FILE |
|-----------------|---------|-------------------|------|--------|------|--------|------------|------------------------|
| FEB.28. | 7:02AM | 03 3862 6170 | TES | 0'30" | P. 1 | OK | | 475 |
| | 7:03AM | 03 3404 5748 | TES | 0'31" | P. 1 | OK | | 476 |
| | 7:05AM | KYORITSU | TES | 0'24" | P. 1 | OK | | 477 |
| | 7:06AM | 0039 2 8321510 | TES | 2'35" | P. 1 | OK | | 478 |
| | 8:50AM | 33 1 40 62 56 95 | TES | 0'42" | P. 2 | OK | | 480 |
| | 9:05AM | 2022930777 | TES | 0'24" | P. 1 | OK | | 481 |
| | 9:12AM | +0148010145 | TES | 0'28" | P. 1 | OK | | 482 |
| | 10:33AM | 33 1 40 62 56 95 | TES | 0'40" | P. 1 | OK | | 483 |
| | 12:26PM | 33 0142868605 | TES | 0'49" | P. 2 | E | | 485 |
| | 12:28PM | 0142868605 | TES | 1'46" | P. 4 | OK | | 486 |
| | 12:41PM | 0039 02 66982012 | TES | 0'56" | P. 2 | OK | | 487 |
| | 12:44PM | +49 89 220287 | TES | 0'27" | P. 1 | OK | | 488 |
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| | 2:39PM | 03 3404 5748 | TES | 5'43" | P.16 | OK | | 490 |
| | 2:56PM | 33 1 40 62 56 95 | TES | 0'35" | P. 1 | OK | | 491 |
| | 2:58PM | +49 89 220287 | TES | 8'06" | P.23 | OK | | 492 |
| | 3:08PM | +49 89 220287 | TES | 0'25" | P. 1 | OK | | 493 |
| | 3:12PM | CHA PATENT OFFICE | TES | 17'19" | P.23 | OK | | 494 |
| | 3:31PM | CHA PATENT OFFICE | TES | 0'31" | P. 1 | OK | | 495 |
| | 4:41PM | +31 030 2305030 | TES | 0'43" | P. 2 | OK | | 498 |
| | 5:04PM | 40539758 | TES | 0'42" | P. 1 | OK | | 499 |
| | 5:16PM | 6132328440 | TES | 2'01" | P. 7 | OK | | 500 |
| | 5:46PM | 40539758 | TES | 0'43" | P. 1 | OK | | 501 |
| | 6:18PM | NEDERLANDSCH | TES | 0'31" | P. 1 | E | | 502 |
| | 6:38PM | | TES | 0'28" | P. 1 | OK | | 503 |
| | 6:42PM | | TES | 0'25" | P. 1 | OK | | 504 |
| FEB.29. | 9:49AM | 33 1 40 62 56 95 | TES | 0'26" | P. 1 | OK | | 507 |
| | 9:50AM | 46 31 7119555 | TES | 0'26" | P. 1 | OK | | 508 |
| | 10:05AM | 61732214762 | TES | 1'01" | P. 2 | OK | | 509 |
| | 10:19AM | +31 030 2305030 | TES | 0'25" | P. 1 | OK | | 510 |
| | 10:32AM | 46 8 4291070 | TES | 0'28" | P. 1 | OK | | 511 |
| | 10:51AM | 703 305 3230 | TES | 1'31" | P. 5 | OK | | 512 |

| < R X > DATE | TIME | ADDRESS | MODE | TIME | PAGE | RESULT | PERS. NAME | FILE |
|-----------------|---------|------------------|------|-------|------|--------|------------|------|
| FEB.28. | 7:32AM | 0039 02 58320317 | RES | 0'27" | P. 1 | OK | | 479 |
| | 12:00PM | +41 21 8003136 | RED | 9'44" | P.14 | OK | | 484 |
| | 10:47PM | 64 6 3590198 | RES | 0'55" | P. 2 | OK | | 505 |

TX 046877

RX 110226

: BATCH
M : MEMORY
S : STANDARDC : CONFIDENTIAL
L : SEND LATER
D : DETAIL\$: TRANSFER
@ : FORWARDING
F : FINEP : POLLING
E : ECM
> : REDUCTION



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: ASSISTANT COMMISSIONER FOR PATENTS
Box PCT
Washington, D.C. 20231

09/446492

19/446,492

FERENCZI

FIRST NAMED APPLICANT

ATTY DOCKET NO.

YOUNG & THOMPSON
745 SOUTH 23RD STREET
2ND FLOOR
ARLINGTON VA 22202

5611

INTERNATIONAL APPLICATION NO. 09/000

FILING DATE

PRIORITY DATE

06/22/96

06/26/97

DATE MAILED:

02/15/00

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as

- ☐ Designated Office (37 CFR 1.494),
☒ An Elected Office (37 CFR 1.495):
☒ U.S. Basic National Fee.
☒ Copy of the international application in:
☐ A non-English language.
☒ English.
☐ Translation of the international application into English.
☒ Oath or Declaration of inventor(s) for DO/EO/US.
☐ Copy of Article 19 amendments.
☐ Translation of Article 19 amendments into English.
☒ The International Preliminary Examination Report in English and its Annexes, if any.
☐ Translation of Annexes to the International Preliminary Examination Report into English.
☒ Preliminary amendment(s) filed Dec 22, 1999 and _____.
☐ Information Disclosure Statement(s) filed _____ and _____.
☐ Assignment document.
☐ Power of Attorney and/or Change of Address.
☐ Substitute specification filed _____.
☐ Verified Statement Claiming Small Entity Status.
☐ Priority Document.
☒ Copy of the International Search Report ☐ and copies of the references cited therein.
☐ Other:

2. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.
☒ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
☒ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

3. Additional claim fees of \$ _____ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due. See attached PTO-875.

ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☐ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

4. Translation of the Annexes **MUST** be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.

5. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 424(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

A copy of this notice *MUST* be returned with this response.

Enclosed:

☒ PCT/DO/EO/917

☐ Notice of Defective Translation

☐ PTO-875

FORM PCT/DO/EO/905 (December 1997)

Telephone: 703 308-9116

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Laurent FERENCZI et al.

Serial No. 09/446,492
(PCT/FR98/01300)

Box PCT
Attention: DO/EO

Filed December 23, 1999

INSTALLATION FOR MONITORING
GAS CYLINDERS

TRANSMITTAL LETTER

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

We enclose herewith the executed declaration which was omitted at the time of filing the application. We have not yet received the Form PCT/DO/EO/905.

The required 37 CFR 1.492(e) surcharge was paid at the time of filing the application.

Respectfully submitted,

YOUNG & THOMPSON

By



Benoit Castel
Attorney for Applicants
Registration No. 35,041
745 South 23rd Street
Arlington, VA 22202
Telephone: 703/521-2297

February 1, 2000

S.4369

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

INSTALLATION FOR MONITORING GAS CYLINDERS

the specification of which: *(check one)*

REGULAR OR DESIGN APPLICATION

- ☐ is attached hereto.
- ☐ was filed on _____ as application Serial No. _____
and was amended on (if applicable) _____.

PCT FILED APPLICATION ENTERING NATIONAL STAGE

- ☒ was described and claimed in International application No. PCT/FR98/01300 filed on 22 June 1998 and as amended on (if any) _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

PRIORITY CLAIM

I hereby claim foreign priority benefits under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

| Country | Application Number | Date of Filing (day, month, year) | Priority Claimed |
|---------|--------------------|--------------------------------------|------------------|
| France | 97/08032 | 26 June 1997 | yes |
| | | | |

(Complete this part only if this is a continuing application.)

I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status—patented, pending, abandoned)

POWER OF ATTORNEY

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from L'Air Liquide as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: **Robert J. PATCH, Reg. No. 17,355, Andrew J. PATCH, Reg. No. 32,925, Robert F. HARGEST, Reg. No. 25,590, Benoît CASTEL, Reg. No. 35,041, Eric JENSEN, Reg. No. 37,855, Thomas W. PERKINS, Reg. No. 33,027, and Roland E. LONG, Jr., Reg. No. 41,949, c/o YOUNG & THOMPSON, Second Floor, 745 South 23rd Street, Arlington, Virginia 22202.**

Address all telephone calls to Young & Thompson at 703/521-2297.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: **Laurent FERENCZI**
(given name, family name)

Inventor's signature 

Date January 5, 2000

Residence: **Paris, France**

Citizenship: **French**

Post Office Address: **48 bis, rue Custine
F-75018 Paris, France**

Full name of second joint inventor, if any: **Frederic BARTH**
(given name, family name)

Inventor's signature 

Date January 5, 2000

Residence: **Paris, France**

Citizenship: **French**

Post Office Address: **17, rue Bouilloux-Lafont
F-75015 Paris, France**

09/446492


 ADDRESS: ASSISTANT COMMISSIONER FOR PATENTS
 Washington, D.C. 20231

| | | |
|--|-----------------------|---|
| U.S. APPLICATION NO | FIRST NAMED APPLICANT | ATTY DOCKET NO |
| 09/446,492 | FERENCZI | |
| YOUNG & THOMPSON 745 SOUTH 23RD STREET 2ND FLOOR ARLINGTON VA 22202 | | INTERNATIONAL APPLICATION NO PCT/FR98/01300 FILING DATE 06/22/98 PRIORITY DATE 06/26/97 DATE MAILED 02/15/00 |

NOTIFICATION OF A DEFECTIVE OATH OR DECLARATION

This application fails to contain an oath or declaration acceptable under 35 U.S.C. 371 (c)(4) for entry into the national stage in the United States of America. The period within which to correct these requirements and avoid abandonment is set in the accompanying Office action.

A new oath or declaration, identifying this application by the international application number and international filing date is required. The oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:

1. ☒ is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
2. ☐ does not identify the specification to which it is directed.
3. ☐ does not identify the inventor(s).
4. ☐ does not identify the citizenship of each inventor.
5. ☐ does not state the person making the oath or declaration believes the named inventor or inventors to be the original and first inventor or inventors of the subject matter which is claimed and for which a patent is sought.

FAILURE TO SUBMIT AN OATH OR DECLARATION IN COMPLIANCE WITH 37 CFR 1.497(a) AND (b) WITHIN THE TIME PERIOD SET WILL RESULT IN FAILURE TO ENTER THE NATIONAL STAGE AND THE ABANDONMENT OF THE APPLICATION.

Additionally, the oath or declaration does not comply with 37 CFR 1.63 in that it:

1. ☐ does not identify the city and state or city and foreign country of residence or each inventor.
2. ☐ does not state that the person making the oath or declaration:
 - a. ☐ has reviewed and understands the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration.
 - b. ☐ acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.
3. ☐ does not identify the foreign application for patent or inventor's certificate on which priority is claimed pursuant to 37 CFR 1.55, and any foreign application having a filing date before that of the application on which priority is claimed, by specifying the application serial number, country, day, month, and year of its filing.
4. ☐ does not state that the person making the oath or declaration acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and filing date of the continuation in part application which discloses and claims subject matter in addition to that disclosed in the prior application (37 CFR 1.63(d)).

John J. Thompson
 Telephone: (703) 308-9116

*** RX REPORT ***

RECEPTION OK

| | |
|-------------------|-------------|
| TX/RX NO | 8267 |
| RECIPIENT ADDRESS | 7039794709 |
| DESTINATION ID | |
| ST. TIME | 04/06 10:55 |
| TIME USE | 02'09 |
| PGS. | 18 |
| RESULT | OK |